



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Date: 07-04-2022

To,

ASSISTANT EXECUTIVE ENGINEER
YELAHANKA SATELLITE TOWN SUB DIVISION
BBMP
BANGALORE

Dear Sir,

Sub: M/s. Civil Pro Services for the work of "ADDITIONAL DEVELOPMENT WORKS AT
DODDABETTAHALLI GOVT. SCHOOL IN ATTUR WARD NO.03."

Ref: 1. Work Order No: BBMP/EE/YNK.D/EMPT-14/W.O/131/2021-22

2. Job code: 003-22-000015

We are herewith forwarding to Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No:05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064. First and Final bill duly verified and certified that the Work is satisfactory and for a Gross Value of Rs.1,02,74,890/- (Rs. One Crore Two Lakhs Seventy Four Thousand Eight Hundred Ninty Only).

Thanking you,

Yours faithfully,

For Civil Pro



***R KARTHIK RECHAN**
AUTHORIZED SIGNATORY
CIVIL PRO

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಯವರು
ಯುಲಸಂಗರ ಉಪವಿಭಾಗ.
ಇ.ಇ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE - 3

Certificate No.: TC-5548

QC ABSTRACT

NAME OF WORK: Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
Materials						
1	Cement	Finess by dry sieving	One Test		1	1
		Finess by Air permeability method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
3	Coarse aggregate(20 mm down size)	Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	Block(400*200*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1
7	Block(400*100*200)	BLOCK DENSITY	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		DIMENSION ANALYSIS	One Test		1	1
		COMPRESSIVE STRENGTH	One Test		1	1

ಶಿಕ್ಷಣ ಮತ್ತು ಸಂಶೋಧನಾ ಕೇಂದ್ರ
ಮುಖ್ಯಸ್ಥರ ಸಹಿ ಮತ್ತು ಮುದ್ರೆ
ಇ. ಎ. ಎ. ಕೆ. ಬೆಂಗಳೂರು-106

B.

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

8	PCC(M15)	Compressive Strength(7days and 28days)	2 set		4	4
9	RCC(M20)	Compressive Strength(7days and 28days)	4 set		8	8
10	RCC (M20)	Compressive Strength(7days and 28days)	4 set		8	8
11	CERAMIC TILES	MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS	One Test		1	1
		MODULUS OF RUPTURE AND BREAKING STRENGTH	One Test		1	1
12	Mortar Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		Compacted Bulk Density	One Test		1	1
		Loose Bulk Density	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
13	Plaster Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
14	M S Hollow Pipe	Yield Stress	One Test		1	1
		Tensile Strength	One Test		1	1
		Elongation Percentage	One Test		1	1

ಆವರಣ ಶೋಧನಾ ಕಾರ್ಯಾಲಯ
ಬೆಂಗಳೂರು
೨೦೨೦.೦೬.೦೮

BA

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 11/02/2022

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064

Customer's Reference : BBMP/EE/YNK.D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 07-02-22

Customer ID : Ground Floor Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete C15

Date of test : 11/02/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Ground Floor Roof Concrete	M25	04/02/2022	11/02/2022	151.30 X 150.17 X 149.46	22721	9.011	524.0	23.1	22.5
2	Ground Floor Roof Concrete	M25	04/02/2022	11/02/2022	150.73 X 150.95 X 149.30	22753	8.945	503.4	22.1	
3	Ground Floor Roof Concrete	M25	04/02/2022	11/02/2022	151.80 X 151.09 X 150.25	22935	8.222	509.5	22.2	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀಯಂತರು
 ಯುಲಕೂಟ ಉಪನಗರ ಉಪವಿಭಾಗ,
 ಡಿ.ಡಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು-106

Page 1/1
****End of Report****



FOR CIVIL PRO.

Sig. *[Signature]*
 Date: *[Date]*
KARTHIK RECHAN
 Authorized Signatory
 Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/03/2022

Lab ID : CP-2022-03-25-38
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 07-02-22
Customer ID : Ground Floor Roof Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M25 / 28 Days Compressive Strength
Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 04/03/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	Ground Floor Roof Concrete	M25	04/02/2022	04/03/2022	150.54 X 150.86 X 151.81	22711	8.393	632.7	27.9	27.8
2	Ground Floor Roof Concrete	M25	04/02/2022	04/03/2022	149.43 X 149.02 X 150.07	22267	8.188	592.7	26.6	
3	Ground Floor Roof Concrete	M25	04/02/2022	04/03/2022	149.84 X 150.66 X 150.80	22575	8.982	651.9	28.9	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಅಧ್ಯಕ್ಷರಾದ
ಮುಖಂಡರ ಉಪಸ್ಥಿತಿಯಲ್ಲಿ
ಶಿ.ವಿ.ಎ. ಕೆ.ಎಸ್.ಎಸ್-108

Page 1/1
****End of Report****



FOR CIVIL PRO

KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 05/02/2022

Lab ID : CP-2022-03-25-38
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No 05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 31-01-22
Customer ID : Ground Floor Lintel Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/02/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Ground Floor Lintel Concrete	M20	29/01/2022	05/02/2022	149.41 X 150.85 X 149.52	22538	8.409	414.2	18.4	18.7
2	Ground Floor Lintel Concrete	M20	29/01/2022	05/02/2022	150.62 X 150.11 X 149.53	22609	9.015	421.3	18.6	
3	Ground Floor Lintel Concrete	M20	29/01/2022	05/02/2022	151.32 X 151.36 X 149.91	22905	9.089	435.0	19.0	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಗಳು
ಯು.ಪಂ.ಕೆ. ಉಪನಗರ ಉಪವಿಭಾಗ
ಜಿ.ಜಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

B

Page 1/1

****End of Report****



FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 26/02/2022
 Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
 Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
 Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
 Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No 05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
 Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 31-01-22
 Customer ID : Ground Floor Lintel Concrete
 Sample Type /Size : 150X150X150 mm
 Sample grade/Age : M20 / 28 Days Compressive Strength
 Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 26/02/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Ground Floor Lintel Concrete	M20	29/01/2022	26/02/2022	149.52 X 150.78 X 151.57	22545	8.761	518.9	23.0	23.0
2	Ground Floor Lintel Concrete	M20	29/01/2022	26/02/2022	151.29 X 150.54 X 150.23	22775	8.706	504.7	22.2	
3	Ground Floor Lintel Concrete	M20	29/01/2022	26/02/2022	151.88 X 150.21 X 150.66	22813	8.841	544.4	23.9	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
 ಯುಪಿಎಐ ಸರ್ಕಾರ
 ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

B.



FOR CIVIL Pro.
 KARTHIK RECHAN
 Authorized Signatory
 Quality Manager

Page 1/1

****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 05/02/2022

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 31-01-22

Customer ID : Ground Floor Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete C15

Date of test : 05/02/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Ground Floor Chejja Concrete	M20	29/01/2022	05/02/2022	149.92 X 149.22 X 149.40	22372	8.917	403.9	18.1	18.4
2	Ground Floor Chejja Concrete	M20	29/01/2022	05/02/2022	151.43 X 151.19 X 151.96	22894	8.523	416.5	18.2	
3	Ground Floor Chejja Concrete	M20	29/01/2022	05/02/2022	151.36 X 150.36 X 150.70	22758	8.909	431.7	19.0	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part

Samples will be disposed after 30 days from the date of issue of test certificate

ಶಾಖಾಪತ್ರ ಸಹಿ
ಯು.ಎಂ.ಎ. ಲೇಬಲ್-106

Page 1/1

****End of Report****



FOR CIVIL PRO.

R. KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 26/02/2022

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 31-01-22

Customer ID : Ground Floor Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 26/02/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Ground Floor Chejja Concrete	M20	29/01/2022	26/02/2022	150.39 X 151.39 X 149.32	22768	8.359	544.4	23.9	23.6
2	Ground Floor Chejja Concrete	M20	29/01/2022	26/02/2022	150.19 X 150.90 X 151.32	22664	9.091	518.4	22.9	
3	Ground Floor Chejja Concrete	M20	29/01/2022	26/02/2022	151.12 X 151.73 X 150.61	22930	8.511	548.9	23.9	

* The results obtained are satisfactory as per standard requirements

Note:

The results pertain to the samples received and tested.

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಅಯುರೇಜರರು
ಯಲಹಂಕಾ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

Bx

Page 1/1
****End of Report****



FOR CIVIL PRO.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/02/2022

Lab ID : CP-2022-03-25-38

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No 05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 25-01-22

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/02/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	PCC	M20	23/01/2022	20/02/2022	149.39 X 149.24 X 150.59	22295	8.843	525.4	23.6	23.5
2	PCC	M20	23/01/2022	20/02/2022	149.59 X 151.99 X 150.36	22735	8.803	519.1	22.8	
3	PCC	M20	23/01/2022	20/02/2022	151.49 X 150.42 X 151.95	22787	8.556	546.2	24.0	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer Representative.

Any correction in the report will make this report invalid.

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧ್ಯಯನಕರರು
ಯಲಹಂಕ ಸಬ್ ಡಿವಿಷನ್ ಉಪವಿಭಾಗ,
ಎ.ಪಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-10

Page 1/1
****End of Report****


 FOR CIVIL PRO
 * KARTHIK RECHAN
 Authorized Signatory
 Quality Manager

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 21/02/2022

Lab ID : CP-2022-03-25-38
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 25-01-22
Customer ID : PCC
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl 5

Date of test : 20/02/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	PCC	M20	23-01-2022	20-02-2022	151.48 X 150.45 X 150.32	22790	8.288	535.4	23.5	23.4
2	PCC	M20	23-01-2022	20-02-2022	150.32 X 149.02 X 150.17	22401	8.797	514.4	23.0	
3	PCC	M20	23-01-2022	20-02-2022	149.44 X 150.79 X 151.75	22535	9.073	537.9	23.9	

* The results obtained are satisfactory as per standard requirements
Note:
The results pertain to the samples received and tested
All information furnished by Customer Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಸಾಟಲೈಟ್ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಡಿ. ಬೆಂಗಳೂರು-108

B.

Page 1/1
****End of Report****



FOR CIVIL PRO.
KARTHIK RECHAN
Authorized Signatory
Quality Manager



Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2022-03-25-38 Date: 24-01-22
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No 05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 21-01-22
Sample Type : Birla Super 53grade
Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification, IS 4031 (Part 1, 2, 3, 4, 5, 6, 11) 1988
IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4
IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5
IS 4031 Part 3, Determination of Soundness, Clause 5, Clause 6
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5
IS 4031 Part 11, DETERMINATION OF DENSITY, Clause 6
Date of test : 22-01-22
Environmental Conditions during test : Temperature: 26°C
Humidity: 72%

SL.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	1.85	—
2	Fineness by Air permeability method (m ² /kg.Min)	348.6	225m ² /kg. Min
3	Density (gm/cc)	3.15	—
4	Standard Consistency (%)	28.5%	Not specified
5	Initial Setting time	135 minutes	Not less than 30 minutes
6	Final Setting time	245 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಇವು ಸಾಮಾನ್ಯ ಉಪಯೋಗಕ್ಕೆ
ಯುಕ್ತವಾದ ಉಪಕರಣವಾಗಿದೆ.
ಇ.ಇ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-104

(Signature)



FOR CIVIL PRO.

RTHIRK RECHAN
Authorized Signatory
Quality Manager

Page 1/1

****End of Report****

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2022-03-25-38 Date: 24-01-22
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub
Division, BBMP, Bangalore.
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name : Additional development Works at Doddabettahalli Govt. School in
Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K
CONSTRUCTIONS, Proprietor SHREE CHARAN
CONSTRUCTIONS), No 05, Sree Sri Nivas Bagath Enclave,
Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK.D/EMPT-14/W.O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample condition : Satisfactory
Date of Receipt : 21-01-22
Sample Type : 40mm down size coarse aggregate
Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 21-01-22

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken		15000		grams		
Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	215	215	1.4	98.6	90-100
3	20 mm	7455	7670	51.1	48.9	30-70
4	10 mm	4266	11936	79.6	20.4	10-35
5	4.75 mm	2844	14780	98.5	1.5	0-5
6	Pan	220	15000	100.0	0	---

Page 1/2

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯುಪಕರಣ ಉಪನಿರ್ದೇಶಕರು
ಬಿ.ಐ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-108

B





Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2022-03-25-38 Date: 24-01-22
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer Reference : BBMP/EE/YNK.D/EMPT-14/W.O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 21-01-22
Sample Type/ Size : 20mm down size coarse aggregate
Reference to BIS codes : IS. 383:2016 (Specification for Coarse and fine Aggregates)
IS. 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 21-01-22

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken		5000	grams			
Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	225	225	4.5	95.5	90-100
3	10 mm	2845	3070	61.4	38.6	25-55
4	4.75 mm	1745	4815	96.3	3.7	0-10
5	Pan	185	5000	100	0	-

ಶಿಕ್ಷಣ ಮತ್ತು ಅಭಿವೃದ್ಧಿ
ಯುನೈಟೆಡ್ ಉಪನಿಗಮ ಸಂಸ್ಥೆ
ಒ.ಪಿ.ಎಂ.ಓ. ಬೆಂಗಳೂರು-100

Page 1/2

Ba





AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT ON COARSE AGGREGATES

Format No: CP/TF/01

Lab ID : CP-2022-03-25-38

Date: 24-01-22

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	13.2	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	10.1	
3	Specific Gravity	2.68	
4	Bulk Density(Loose) (Kg/l)	1.43	—
5	Bulk Density(Compacted) (Kg/l)	1.49	—
6	Water Absorption(%)	0.23	—
7	Aggregate crushing Value(%)	22.9	Max 30% for Aggregates to be used in concrete for wearing Surface. In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface
8	Aggregate Impact Value(%)	23.7	30% for Aggregates to be used in concrete for wearing Surface. 45% for Aggregates to be used in concrete other than for wearing Surface

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಧೀನದಲ್ಲಿ
ಯುನೈಟೆಡ್ ಉಪನಿರ್ದೇಶಕರು
ಪಿ.ಪಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-108

B

Page 2/2
End of Report

FOR CIVIL Pro.
KARTHIK RECHAN
Authorized Signature
Quality Manager



TEST REPORT OF FINE AGGREGATE

Lab ID

: CP-2022-03-25-38

Date: 24-01-22

PHYSICAL PROPERTIES

SLno	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.5	-
2	Specific Gravity	2.59	-
3	Material finer than 75 micron(%)	6.9	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Handwritten signature in green ink.

Handwritten signature in black ink.



FOR CIVIL Pro.

R. ARTHIK RECHAN
Authorized Signatory
Quality Manager

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀಯಂತರು
ಯುಲಕಂಠ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕೆ.ಬಿ.ಎಂ.ಕೆ, ಬೆಂಗಳೂರು-108

Page 2/2

****End of Report****



Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 04/03/2022

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 07-02-22

Customer ID : Ground Floor Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/03/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Ground Floor Roof Concrete	M25	04/02/2022	04/03/2022	149.02 X 151.51 X 149.07	22578	8.215	618.4	27.4	27.5
2	Ground Floor Roof Concrete	M25	04/02/2022	04/03/2022	150.60 X 150.04 X 150.83	22597	8.279	600.8	26.6	
3	Ground Floor Roof Concrete	M25	04/02/2022	04/03/2022	150.19 X 150.05 X 151.17	22536	8.364	641.6	28.5	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಶ್ರೀಕೃಷ್ಣ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿಗಳು
ಯುಪಿಎಂಆರ್ ಕುಪ್ಪಳಿ ಜಿಲ್ಲಾಧಿಕಾರಿ,
ಬಿ.ಬಿ.ಎಂ.ಕೆ. ಬೆಂಗಳೂರು-108

B

Page 1/1

****End of Report****



FOR CIVIL PRO
R KARTHIK RECHAN
Authorized Signatory
Quality Manager



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2022-03-25-38
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK.D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 07-02-22
Customer ID : First Floor Column Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete CI.5
Date of test : 04/03/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	First Floor Column Concrete	M20	04/02/2022	04/03/2022	151.03 X 150.57 X 149.13	22739	8.993	539.4	23.7	23.5
2	First Floor Column Concrete	M20	04/02/2022	04/03/2022	150.99 X 150.64 X 149.59	22745	8.360	520.9	22.9	
3	First Floor Column Concrete	M20	04/02/2022	04/03/2022	150.82 X 149.96 X 150.54	22617	8.129	541.7	24.0	

* The results obtained are satisfactory as per standard requirements.
Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative.
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate.

ಶಾಖಾ ಸಮೀಕ್ಷಾ ಅಧಿಕಾರಿ
ಯಾಂತ್ರಿಕ ಪರೀಕ್ಷಾ ಕಛೇರಿ
ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

12

Page 1/1
****End of Report****



FOR CIVIL PRO.

Sig.....
Date.....
KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES



Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 22/03/2022

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 24-02-22

Customer ID : First Floor Lintel Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete C15

Date of test : 22/03/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	First Floor Lintel Concrete	M20	22/02/2022	22/03/2022	151.05 X 150.68 X 151.60	22761	8.562	545.8	24.0	23.3
2	First Floor Lintel Concrete	M20	22/02/2022	22/03/2022	151.19 X 149.24 X 150.50	22564	8.645	516.0	22.9	
3	First Floor Lintel Concrete	M20	22/02/2022	22/03/2022	149.48 X 151.70 X 151.02	22677	9.094	525.5	23.2	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲಾ ಪಂಚಾಯತ್
ಯು.ಪಂ.ಕೆ. ದೊಡ್ಡಬೆಟ್ಟ-106

B.

Page 1/1

****End of Report****



FOR CIVIL PRO.

KARTHIK RECHAN
Authorized Signatory
Quality Manager



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2022-03-25-38
 Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore
 Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore
 Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
 Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
 Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 24-02-22
 Customer ID : First Floor Staircase
 Sample Type /Size : 150X150X150 mm
 Sample grade/Age : M20 / 7 Days Compressive Strength
 Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete C15

Date of test : 01/03/2022

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	First Floor Staircase	M20	22/02/2022	01/03/2022	151.92 X 151.71 X 151.95	23048	8.801	422.6	18.3	18.2
2	First Floor Staircase	M20	22/02/2022	01/03/2022	149.26 X 149.54 X 150.14	22320	8.375	402.8	18.0	
3	First Floor Staircase	M20	22/02/2022	01/03/2022	151.49 X 151.76 X 149.16	22991	8.239	421.5	18.3	

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.
 All information furnished by Customer/Representative
 Any correction in the report will make this report invalid.
 This report without prior written approval should not be reproduced or published in full or part.
 Samples will be disposed after 30 days from the date of issue of test certificate.

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ ಅಭಿಯಂತರರು
 ಯುಪಿಎಂಆರ್ ಉಪನಗರ ಉಪವಿಭಾಗ,
 ಸಿ.ಪಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-18

Page 1/1
 *****End of Report*****



FOR CIVIL Pro.

Authorized Signatory
 Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
 WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES



Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2022-03-25-38 Date: 09/03/2022
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No 05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 04-03-22
Customer ID : First Floor Roof Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M25 / 7 Days Compressive Strength
Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete C15
Date of test : 09/03/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	First Floor Roof Concrete	M25	02/03/2022	09/03/2022	150.34 X 151.80 X 149.11	22822	8.843	535.6	23.5	22.9
2	First Floor Roof Concrete	M25	02/03/2022	09/03/2022	151.86 X 149.45 X 149.38	22695	8.894	508.1	22.4	
3	First Floor Roof Concrete	M25	02/03/2022	09/03/2022	150.91 X 150.93 X 149.12	22778	8.908	519.7	22.8	

* The results obtained are satisfactory as per standard requirements.
Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿರು
ಯಲಹಂಕರ ಸುಪರ್ಟೆಂಡಿಂಗ್
ಇ.ಡಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10ಎ

Page 1/1
****End of Report****



FOR CIVIL Pro.

ARTHIK RECHAN
Authorized Signatory
Quality Manager



AN ISO 9001 : 2008 COMPANY & ACCREDITED LABORATORY AS PER ISO/IEC 17025:2017
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2022-03-25-38
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 10-03-22
Customer ID : First Floor Flooring
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M15 / 7 Days Compressive Strength
Reference to BIS codes : IS 516 - 1959 Methods of Tests for Strength of Concrete CI 5

Date of test : 15/03/2022

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm ²)	Average Compressive Strength (N/mm ²)
1	First Floor Flooring	M15	08/03/2022	15/03/2022	151.68 X 151.73 X 151.25	23014	8.558	281.5	12.2	12.6
2	First Floor Flooring	M15	08/03/2022	15/03/2022	150.96 X 150.44 X 151.82	22711	8.990	292.1	12.9	
3	First Floor Flooring	M15	08/03/2022	15/03/2022	151.16 X 150.86 X 149.47	22804	8.991	287.5	12.6	

* The results obtained are satisfactory as per standard requirements.
Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid.
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯಲಹಂಕರ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

Page 1/1
****End of Report****



FOR CIVIL Pro.
KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | ENVIRONMENTAL
WATER TESTING | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES

TEST REPORT FOR SAND MASONRY MORTARS

Lab ID : CP-2022-03-25-38

Date: 07-03-22

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	3.18	-
2	Specific Gravity	2.51	-
3	Material finer than 75 micron(%)	12.2	Crushed Fine aggregate Max 15%
4	Compacted Bulk Density (Kg/litre)	1.90	-
5	Loose Bulk Density (Kg/litre)	1.73	-

* The results obtained are satisfactory as per standard requirements.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

B.



FOR CIVIL Pro.

R. KARTHIK RECHAN

Authorized Signatory

Quality Manager

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯುಪಕರಣ ಉಪನಿರ್ದೇಶಕರು
ಶಿ.ವಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

Page 2/2

****End of Report****



TEST REPORT OF CERAMIC TILES

Lab ID : CP-2022-03-25-38 Date: 10-03-22
Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.
Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03
Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-560064
Customer's Reference : BBMP/EE/YNK.D/EMPT-14/W.O/131/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 04-03-22
Sample Type/ Size : Ceramic tiles (300X300)mm
Reference to BIS codes : IS 13630 (part 1) : 2006, IS 15622:2006
Date of test : 04-03-22

MEASUREMENTS OF LENGTH, WIDTH AND THICKNESS

Number Of Specimen	Length measured at position 5mm from the corner		Breadth measured at position 5mm from the corner		Thickness measured at thickest part, 4 diagonal segment			
	1	2	1	2	1	2	3	4
1	300	300	300	300	6.04	6.01	6.08	6.04
2	300	300	300	300	6.01	6.07	6.01	6.01
3	300	300	300	300	6.03	6.05	6.06	6.03
4	300	300	300	300	6.06	6.05	6.08	6.06
5	300	300	300	300	6.08	6.06	6.05	6.08
6	300	300	300	300	6.03	6.07	6.07	6.07
7	300	300	300	300	6.08	6.05	6.08	6.07
8	300	300	300	300	6.02	6.05	6.04	6.05
9	300	300	300	300	6.04	6.04	6.02	6.04
10	300	300	300	300	6.04	6.01	6.05	6.04
Average	300	300	300	300	6.04	6.01	6.05	6.04
					6.05			

Page 1/2

ಸಹಾಯಕ ಅಧೀಕ್ಷಕರು
ಮುಖಪಂಚಕ ಅಪನಗರ ಅಪವಿವಾಹಿ.
ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-100

By





TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID : CP-2022-03-25-38 Date: 01-02-22

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothanda Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-550064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-01-22

Sample Type/Size : Solid concrete blocks size (400X200X200)mm

Reference to BIS codes : IS 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification
Part 1 Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10, Block density Annex - C Clause 9.3 and 10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)

Date of test : 28-01-22

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10 ³	Avg. Block Density in (Kg/cum)	As per IS 2185(Part 1):2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm ³)	Kg	Kg/m ³	Kg/m ³	
1	401	201	199	16040	32.067	1999.2	1967.4	Not less than 1800Kg/m ³
2	398	198	200	15761	31.445	1995.1		
3	402	203	203	16566	31.603	1907.7		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg. Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	33.91	32.25	4.89	4.25	Shall not be more than 10% by mass
2	33.57	32.14	4.28		
3	33.44	32.24	3.59		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧೀಯತೆಯಲ್ಲಿ
ಯುರಪಂತ್ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಡಿ.ಪಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

B.A.





TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID : CP-2022-03-25-38 Date: 01-02-22

Customer : Assistant Executive Engineer, Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Address : Yelahanka Satellite Town Sub Division, BBMP, Bangalore.

Project Name : Additional development Works at Doddabettahalli Govt. School in Attur Ward No. 03

Agency : Sri T S Kothand Raju (Proprietor R K CONSTRUCTIONS, Proprietor SHREE CHARAN CONSTRUCTIONS), No.05, Sree Sri Nivas Bagath Enclave, Kattigenahalli Village, Yelahanka Post, Bangalore-550064

Customer's Reference : BBMP/EE/YNK D/EMPT-14/W.O/131/2021-22

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 28-01-22

Sample Type/Size : Solid concrete blocks size (400X100X200)mm

Reference to BIS codes : IS 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification
Part 1 Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10, Block density Annex - C Clause 9.3 and 10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)

Date of test : 28-01-22

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10 ⁶	Avg. Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm ³)	Kg	Kg/m ³	Kg/m ³	
1	402	102	201	8242	17.833	2163.7	2126.2	Not less than 1800Kg/m ³
2	399	100	198	7900	17.620	2230.4		
3	398	102	201	8160	16.194	1984.6		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg. Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	18.91	17.99	4.89	4.34	Shall not be more than 10% by mass
2	19.57	18.69	4.53		
3	18.94	18.26	3.59		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿ
ಯಶವಂತರ ಅಪನಗರ ಅಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-108

RA



Lab ID

: CP-2022-03-25-38

Date: 01-02-22

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	404	100	199	Length : $\pm 5\text{mm}$ Breadth : $\pm 3\text{mm}$ Height : $\pm 3\text{mm}$
2	400	101	202	
3	401	101	202	
4	400	101	201	
5	403	103	203	
6	404	101	203	
7	402	102	203	
8	401	102	203	
9	404	102	199	
10	400	101	203	
11	403	101	203	
12	400	100	203	
13	399	102	201	
14	402	99	199	
15	400	102	202	
16	400	102	203	
17	401	99	201	
18	403	103	201	
19	399	103	202	
20	403	103	200	
Average of 20	402	101	202	

Page 2/3

ಸಹಾಯಕ ಕಾರ್ಯದರ್ಶಿ
ಯು.ಪಿ.ಎಸ್. ಸೇವಾಧಿಕಾರಿ
ಇ.ಪಿ.ಎಸ್. ಸೇವಾಧಿಕಾರಿ-106

B.



Lab ID : CP-2022-03-25-38

Date: 01-02-22

COMPRESSIVE STRENGTH:

SL No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm ²)	(KN)	N/mm ²	(N/mm ²)
1	400	100	40131	155.2	3.9	4.0
2	400	101	40335	164.5	4.1	
3	401	101	40550	159.2	3.9	
4	400	101	40224	167.2	4.2	
5	403	103	41361	159.4	3.9	
6	404	101	40851	165.6	4.1	
7	402	102	40892	165.7	4.1	
8	401	102	40743	155.9	3.8	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm ²	4.00 N/mm ²
C (4.0)	4.00 N/mm ²	3.20 N/mm ²

* The Results Obtained are Satisfactory as per Standard Requirements

Note:

The results pertain to the samples received and tested

All information furnished by Customer Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧ್ಯಯನಕರರು
 ಯುಪಿಎಂಐ ಉಪನಗರ ಉಪವಿಭಾಗ,
 ಬಿ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-10

B.

Page 3/3

****End of Report****



FOR CIVIL PRO.

K. ARTHIK RECHAN
Authorized Signatory
Quality Manager